

ROAD SYSTEM

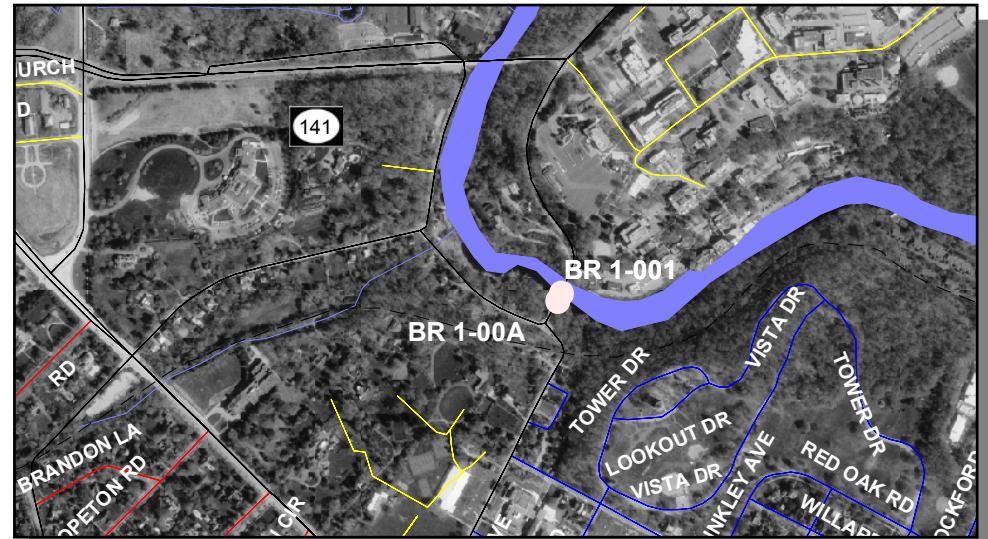
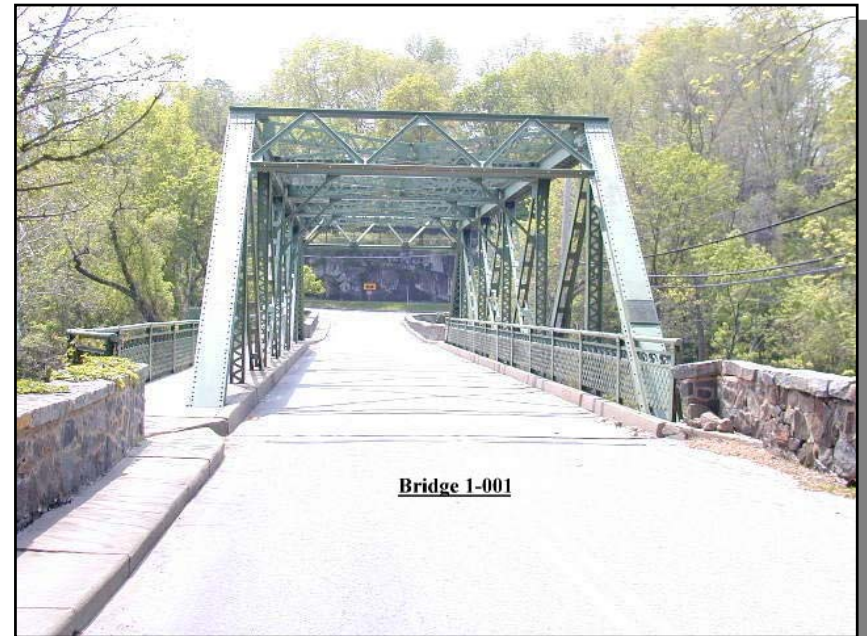
BRIDGES

BR 1-001 AND BR 1-001A ON RISING SUN LANE OVER BRANDYWINE CREEK [Project No. 21-074-01]

PROJECT SCOPE/DESCRIPTION: This project will rehabilitate existing steel truss members and substructure; place a high performance deck overlay; make safety improvements at approaches; and fill scour holes and rehabilitate existing stone masonry abutment.

PROJECT JUSTIFICATION: Both bridges are structurally deficient and currently rank 9th and 63rd out of 1,399, respectively, on the department's bridge deficiency list (via the bridge management program).

County:	New Castle
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	4
Senatorial District:	4

***Bridge 1-001*****Bridge 1-001**

BR 1-001 AND BR 1-001A ON RISING SUN LANE OVER BRANDYWINE CREEK (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 1-001 and BR1-001A on Rising Sun Lane over Brandywine Creek		\$ 1,268.5						
Prior Years	State			\$ 346.5	\$ 344.5	\$ 233.6	\$ 110.9	\$ 2.0
	Federal			\$ 240.0	\$ 240.0	\$ 0.0	\$ 240.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 586.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 2.0
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State			\$ 0.0				\$ 2.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007 Projected	State			\$ 0.0				\$ 2.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2008 Projected	State			\$ 0.0				\$ 2.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2009-2011 Projected	State			\$ 0.0				\$ 2.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 346.5	\$ 344.5			\$ 2.0
	Federal			\$ 240.0	\$ 240.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,268.5	\$ 586.5	\$ 586.5	\$ 584.5	\$ 233.6	\$ 350.9	\$ 2.0

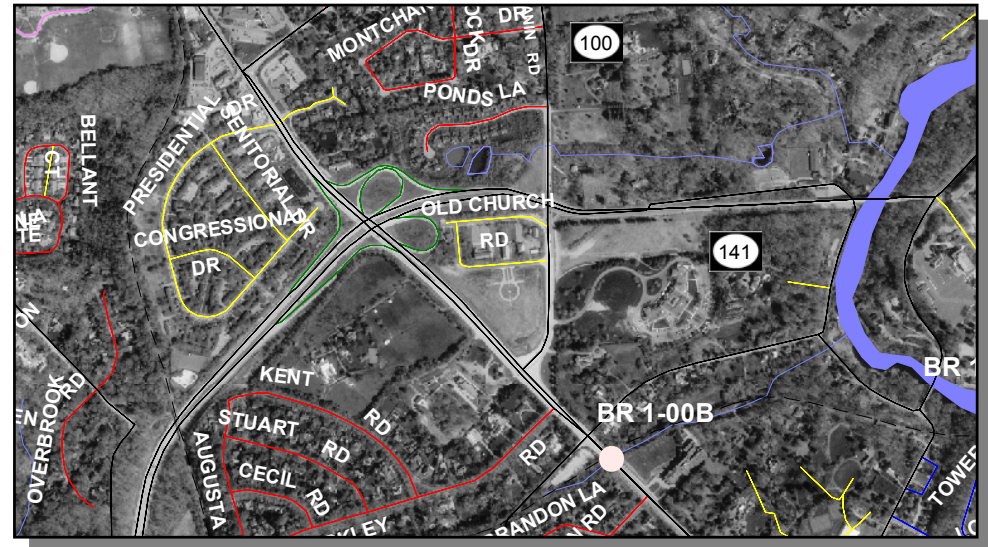
BR 1-001 AND BR 1-001A ON RISING SUN LANE OVER BRANDYWINE CREEK (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
21-074-01	BR 1-001 and BR 1-001A on Rising Sun Lane over Brandywine Creek	PE	100% ST	\$ 261.5	\$ 261.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	25.0	25.0	0.0	0.0	0.0	0.0	0.0
		C	80% FHWA	300.0	300.0	0.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 586.5	\$ 586.5	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 1-001B ON SR 52, KENNETT PIKE OVER RAILROAD EAST OF SR141 [Project No. 99-071-08]

PROJECT SCOPE/DESCRIPTION: The proposed improvements to Bridge 1-001B, on SR 52, Kennett Pike, will replace the existing structure with a cast-in-place concrete frame or steel arch. Improvements to the operations of the A. I. DuPont Middle School will be done in conjunction with the bridgework.

PROJECT JUSTIFICATION: The superstructure of this bridge is in poor condition, and the encased concrete steel beams are exposed. This bridge is currently ranked 31st out of 1,399 on the department's bridge deficiency list (via the bridge management program).



County: New Castle
Municipality:
Funding Program: Road System – Bridges
Functional Category: Preservation
Representative District: 4
Senatorial District: 4



Bridge 1-001B



BR 1-001B ON SR 52, KENNETT PIKE OVER RAILROAD EAST OF SR141 (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 1-001B on SR 52, Kennett Pike over Railroad East of SR141		\$ 3,677.0						
Prior Years	State			\$ 526.6	\$ 526.6	\$ 421.6	\$ 105.0	\$ 0.0
	Federal			\$ 878.4	\$ 632.0	\$ 0.0	\$ 632.0	\$ 246.4
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 2,170.4	\$ 259.8	\$ 259.8	\$ 0.0	\$ 259.8	\$ 0.0
	Federal			\$ 505.6	\$ 0.0	\$ 0.0	\$ 0.0	\$ 752.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State							
	Federal							
	Other							
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 786.4	\$ 786.4			\$ 0.0
	Federal			\$ 1,384.0	\$ 632.0			\$ 752.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 3,677.0	\$ 2,170.4	\$ 2,170.4	\$ 1,418.4	\$ 421.6	\$ 996.8	\$ 752.0

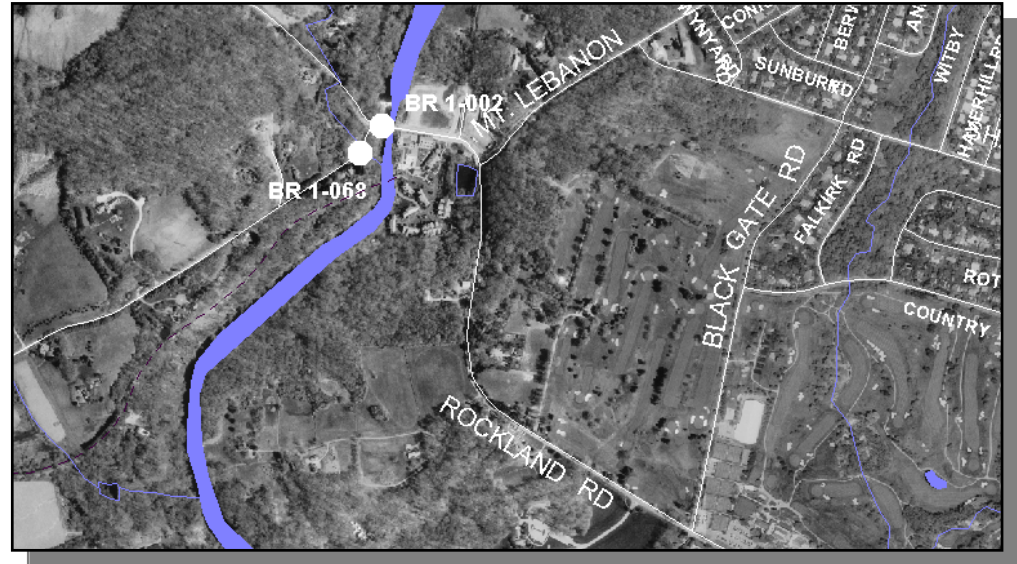
BR 1-001B ON SR 52, KENNETT PIKE OVER RAILROAD EAST OF SR141 (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
99-071-08	BR 1-001B on SR 52, Kennett Pike over Railroad East of SR141	PE	100% ST	\$ 411.4	\$ 307.0	\$ 104.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	29.0	0.0	29.0	0.0	0.0	0.0	0.0
		C	80% FHWA	1,730.0	1,098.0	632.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 2,170.4	\$ 1,405.0	\$ 765.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0

BR 1-068 AND BR 1-002 ON N232, ROCKLAND ROAD OVER BRANDYWINE CREEK [Project No. 22-071-01]

PROJECT SCOPE/DESCRIPTION: These bridges are located in the Rockland Historic District. Bridge 1-068 will require structural repairs. Bridge 1-002 will receive cosmetic improvements and repairs, which will prolong the life of this historic structure. In both cases, repairs will take into account the historical surrounding. Bridge 1-068 improvements will include replacement of the superstructure with prestressed concrete beams and stone-faced bridge rails, construction of two wingwalls and repair of the supporting substructure. Bridge 1-002 improvements will include repair of the concrete beam encasements, replacement of deck joint seals and waterproofing the deck.

PROJECT JUSTIFICATION: Bridges 1-068 and 1-002 are in need of repair to maintain their historic integrity and structural capacity. Bridge 1-068 is currently ranked 129th and Bridge 1-002 is currently ranked 128th out of 1,399 on the department's bridge deficiency list (via the bridge management program).



County:	New Castle
Municipality:	
Funding Program:	Road System – Bridges
Functional Category:	Preservation
Representative District:	4, 10
Senatorial District:	4



BR 1-068 AND BR 1-002 ON N232, ROCKLAND ROAD OVER BRANDYWINE CREEK (CONTINUED)

Bridge 1-068



Bridge 1-002



BR 1-068 AND BR 1-002 ON N232, ROCKLAND ROAD OVER BRANDYWINE CREEK (CONTINUED)**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
BR 1-068 and BR 1-002 on N232, Rockland Road over Brandywine Creek		\$ 1,183.7						
Prior Years	State			\$ 428.8	\$ 428.8	\$ 217.5	\$ 211.3	\$ 0.0
	Federal			\$ 806.0	\$ 806.0	\$ 1.2	\$ 804.8	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 2,042.7	\$ 221.1	\$ 221.1	\$ 0.0	\$ 221.1	\$ 0.0
	Federal			\$ 586.8	\$ 586.8	\$ 0.0	\$ 586.8	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State							
	Federal							
	Other							
FY 2007 Projected	State							
	Federal							
	Other							
FY 2008 Projected	State							
	Federal							
	Other							
FY 2009-2011 Projected	State							
	Federal							
	Other							
Total Projected	State			\$ 649.9	\$ 649.9			\$ 0.0
	Federal			\$ 1,392.8	\$ 1,392.8			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 1,183.7	\$ 2,042.7	\$ 2,042.7	\$ 2,042.6	\$ 218.8	\$ 1,823.9	\$ 0.1

BR 1-068 AND BR 1-002 ON N232, ROCKLAND ROAD OVER BRANDYWINE CREEK (CONTINUED)**PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
22-071-01	BR 1-068 and BR 1-002 on N232, Rockland Road over Brandywine Creek	PE	100% ST	\$ 275.3	\$ 200.9	\$ 74.4	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
		RW	100% ST	26.4	26.4	0.0	0.0	0.0	0.0	0.0
		C	80% FHWA	1,741.1	1,007.6	733.5	0.0	0.0	0.0	0.0
	Total All Funds			\$ 2,042.7	\$ 1,234.8	\$ 807.9	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0